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DATE: **Monday, April 25, 2005** <u>Printable Copy</u> <u>Create Case</u>

<u>Set Name</u> side by side	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u> result set
	DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR		
L49	l37 and L48	65	L49
L48	705.clas.	33364	L48
L47	705/35	2028	L47
L46	705/36	1229	L46
	DB=USPT; PLUR=YES; OP=OR		
L45	3573747.pn.	1	L45
L44	4412287.pn.	1	L44
L43	3581072.pn.	1	L43
L42	3581072.pn.	1	L42
L41	3848233.pn.	1	L41
L40	4412287.pn.	1	L40
L39	4608485.pn.	1	L39
L38	4694397.pn.	1	L38
	DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR		
L37	L36 and best with market with price	68	L37

L36	L35 and forward$ and (bid or offer or quote)	163	L36
L35	L34 and trad$ with floor	317	L35
L34	trad$ near system	10250	L34
L33	l20 and forward$ near (bid or offer)	1	L33
L32	l20 and display$ near bids and offers	9	L32

DB=USPT; PLUR=YES; OP=OR

L31	4674044.pn.	1	L31
L30	4674044.pn.	1	L30
L29	6014643.pn.	1	L29
L28	6014643.pn.	1	L28
L27	5297031.pn.	1	L27
L26	5297031.pn.	1	L26
L25	5950176.pn.	1	L25
L24	5809483.pn.	1	L24

DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR

L23	L19 and (pre-screened near credit or prescreened near credit or preapproved near credit or pre-approved near credit or credit near3 filter$)	8	L23
L22	L20 and (bilateral or bi-lateral)	23	L22
L21	L20 amd (bilateral or bi-lateral)	44490	L21
L20	L19 and credit <1992	99	L20
L19	electronic near brokerage	99	L19

DB=USPT; PLUR=YES; OP=OR

L18	5530740.pn.	1	L18
L17	4750135.pn.	1	L17
L16	4897857.pn.	1	L16
L15	4903201.pn.	1	L15
L14	4897857.pn.	1	L14
L13	4903201.pn.	1	L13
L12	4903201.pn.	1	L12
L11	5038284.pn.	1	L11
L10	5077665.pn.	1	L10
L9	5097470.pn.	1	L9
L8	5130993.pn.	1	L8
L7	5146598.pn.	1	L7
L6	5168446.pn.	1	L6
L5	5168446.pn.	1	L5
L4	5136501.pn.	1	L4
L3	5136501.pn.	1	L3

DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR

L2	5168446.uref.	75	L2
L1	5168446.pn.	2	L1

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Set Name side by side	Query	Hit Count	Set Name result set
DB=USPT; PLUR=YES; OP=OR			
L6	5732400.pn.	1	L6
L5	4745559.pn.	1	L5
L4	5655088.pn.	1	L4
DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR			
L3	L2 and (credit near screen$ or credit with screen$ or pre-screen$ near credit or prescreen$ near credit or filter$ near credit or filter$ with credit)	46	L3
L2	L1 and (trad$ or brokerage) near system	556	L2
L1	705/37	2107	L1

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L37: Entry 67 of 68   File: USPT   Mar 31, 1992

US-PAT-NO: 5101353
DOCUMENT-IDENTIFIER: US 5101353 A

TITLE: Automated system for providing liquidity to securities markets

DATE-ISSUED: March 31, 1992

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Lupien; William A.	La Canada, Flintridge	CA		
McCormack; John P.	West Boxford	MA		
Schulman; H. E. C.	Boston	MA		

ASSIGNEE-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE CODE
Lattice Investments, Inc.	Cambridge	MA			02

APPL-NO: 07/ 358873   [PALM]
DATE FILED: May 31, 1989

INT-CL: [05] G06F 15/20, H04Q 0/00

US-CL-ISSUED: 364/408; 340/825.26, 340/825.27
US-CL-CURRENT: 705/37; 340/825.26, 340/825.27

FIELD-OF-SEARCH: 364/408, 340/825.26, 340/825.27

PRIOR-ART-DISCLOSED:

U.S. PATENT DOCUMENTS

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	PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
☐	4334270	June 1982	Towers	364/300
☐	4412287	October 1983	Braddock, III	364/408
☐	4674044	June 1987	Kalmus et al.	364/408
☐	4677552	June 1987	Sibley, Jr.	364/408
☐	4694397	September 1987	Grant et al.	364/408
☐	4751640	June 1988	Lucas et al.	364/408
☐	4903201	February 1990	Wagner	324/408

OTHER PUBLICATIONS

Expert Systems in Finance Planning; May 1988, vol. 5, No. 2; B. Humpert Constraint Logic Programming and Option Trading; Catherine Lasser; Ken McAloon; IEEE Expert 1987.

ART-UNIT: 231

PRIMARY-EXAMINER: Shaw; Dale M.

ASSISTANT-EXAMINER: Chung; Xuong M.

ATTY-AGENT-FIRM: Rosden; Peter E.

ABSTRACT:

An automated system for managing one or more large investor portfolios containing both cash and numerous, diversified securities in a real time environment provides added liquidity to the securities markets while maintaining predetermined portfolio objectives for each portfolio. The disclosed system uses data processing equipment to place buy and sell orders on securities markets and with automated brokers to execute trade directly between users of the system and external markets. Holders of such large, diversified portfolios have usually been long-term investors. The system allows active market participation by such investors whereby they provide added liquidity and depth to the securities markets while overcoming problems caused by trader identification and the inability to enter, change or execute orders in a real time environment. The system monitors and analyzes a variety of factors which effect trading decisions in a vast number of securities. Such factors include other security trades, price and size quotations and financial ratios for particular securities. This information is further analyzed in relationship to each investor portfolio using the system to determine what transactions might benefit the portfolio by seeking to provide an incremental return while accommodating the basic portfolio objectives. These objectives may be changed at the election of the investor at any time. Orders representing such transactions are entered by the system and executed in real time either internally between system users or externally with computerized brokers and/or stock exchanges and markets.

16 Claims, 9 Drawing figures

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Schulman; H. E. C.	Boston	MA		

ASSIGNEE-INFORMATION:

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INT-CL: [05] G06F 15/20, H04Q 0/00

US-CL-ISSUED: 364/408; 340/825.26, 340/825.27
US-CL-CURRENT: <u>705/37</u>; <u>340/825.26</u>, <u>340/825.27</u>

FIELD-OF-SEARCH: 364/408, 340/825.26, 340/825.27

PRIOR-ART-DISCLOSED:

U.S. PATENT DOCUMENTS

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	PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
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